

Serial No. 10/808,590

Attorney Docket No. 26B-032

LISTING OF CLAIMS:

1. (Currently amended) A weather strip having an extrusion portion, and a molded portion connected to the extrusion portion, the weather strip comprising:

a mounting base portion attachable to one of a door peripheral portion and an opening portion or a door circumferential edge of a vehicle;

a seal portion that is integrally formed with the mounting base portion and has a hollow portion;

a slit for taking out a core mold ~~being when performing molding, wherein the slit is formed in the mounting base portion of the molded portion when performing molding;~~ and

at least one blocking piece, which is integrally formed with the mounting base portion at a side of the base portion that is opposite to the seal portion, provided, wherein the blocking piece is located in a zone in which the slit is formed, ~~wherein and wherein~~ the blocking piece comprises:

a base piece portion formed in such a manner as to extend from ~~a mounting face~~ an attachable mounting surface of the mounting base portion ~~of the molded portion;~~

an insertion portion integrally formed integrally with ~~in such a manner as to extend substantially perpendicularly from the base piece portion and fitted,~~ wherein the insertion portion is constructed to be inserted into the slit by bending the base piece portion around a part thereof continuously connected to the mounting base portion; and

a lock portion that is integrally formed with the insertion portion to be fitted and locked on an inner surface of the mounting base portion, which faces the hollow portion, when the blocking piece is bent and the insertion portion is fitted thereinto inserted into the slit.

Serial No. 10/808,590

Attorney Docket No. 26B-032

2. (Currently amended) A weather strip according to claim 1, wherein:

the blocking piece is formed to be substantially Z-shaped, and

an outer surface of the lock portion is locked by with an inner surface of the mounting base portion, opposite to a side, on which the base piece portion is formed, across the slit which is in the hollow portion next to the slit.

3. (Currently amended) A weather strip according to claim 1, wherein the blocking piece is substantially Y-shaped, and wherein the lock portion comprises:

a first lock part, locked by an inner surface of the mounting base portion, opposite to a side next to the slit, on which the base piece portion is formed, across the slit connected to the mounting base portion; and

a second lock part locked by an inner-outer surface of the mounting base portion at the side, on-side of the mounting base portion on which the base piece portion is formed connected to the mounting base portion.

4. (Currently amended) A weather strip according to ~~claim 2~~ claim 3, ~~wherein~~ wherein a sandwich-holding projection portion for sandwich-holding, when the insertion portion is ~~fitted~~ inserted into the slit, a part of the mounting base portion, opposite to a side, ~~on~~ on which the base piece portion is formed, in conjunction with the lock portion is provided at the base piece portion.

Serial No. 10/808,590

Attorney Docket No. 26B-032

5. (Currently amended) A weather strip according to claim 1, ~~wherein:~~wherein a tapered surface is formed on a part extending from a substantially tip end part of the insertion portion to the lock portion.

6. (Currently amended) A weather strip according to claim 1, ~~wherein:~~wherein a thickness of the insertion portion is set to be substantially equal to width of the slit.

7. (Currently amended) A weather strip according to claim 1, ~~wherein:~~wherein when the insertion portion is ~~fitted~~inserted into the slit, a surface of the base piece portion is connected with the mounting face of the mounting base portion substantially over the whole area, so that the base piece portion constitutes a part of the mounting base portion.

8. (Withdrawn) A method for manufacturing a weather strip having a mounting base portion attachable to an opening portion or a door circumferential edge of a vehicle, and also having a seal portion that is integrally formed with the mounting base portion and has a hollow portion, comprising steps of:

molding an extrusion portion by extrusion-molding;

forming a cavity, used for forming a molded portion, by a mold apparatus having at least a stationary mold, a movable mold, and a core mold equipped with a core body for forming the hollow portion, and of setting an extending plate, which extends from the core body, to extend from the cavity outwardly;

Serial No. 10/808,590

Attorney Docket No. 26B-032

fixing the extrusion portion to the mold apparatus so that an end face of the extrusion portion faces the cavity;

injecting and filling rubber material, which is in a plasticized state, in the cavity;

separating, upon completion of solidification of the rubber material, the movable mold from the stationary mold, and of removing a molded portion precursor, which is molded by the solidification, together with the core mold; and

taking out the core body from a slit, from which at least the extending plate projects, in the molded portion precursor, and by further comprising steps of:

integrally forming, when the molded portion precursor is molded, at least one blocking piece, which corresponds to a zone set in the slit, with the molded portion precursor; and

obtaining the molded portion by bending, after the step of taking out the core body, the blocking piece around a base portion thereof thereby to fit a part of the blocking piece into the slit and to lock an end portion of the blocking piece by an inner surface of the molded portion precursor, which faces the hollow portion.

9. (Withdrawn) A method for manufacturing a weather strip according to claim 8, wherein:

when the step of obtaining the molded portion is performed, a step of bonding a predetermined part of the blocking piece to the molded portion precursor is performed.

10. (Withdrawn) A method for manufacturing a weather strip according to claim 8, wherein:

Serial No. 10/808,590

Attorney Docket No. 26B-032

a plurality of the blocking pieces are formed; and

each of the blocking pieces is formed along a direction, in which the movable mold for forming the blocking piece are is separated from the stationary mold, in such a way as to extend from the molded portion precursor.

11. (Withdrawn) A method for manufacturing a weather strip according to claim 8, wherein:

at least a side portion of the blocking piece is tapered in a direction, in which the movable mold for molding the blocking piece is separated from the stationary mold.

12. (Withdrawn) A method for manufacturing a weather strip having a mounting base portion attachable to an opening portion or a door circumferential edge of a vehicle, and also having a seal portion that is integrally formed with the mounting base portion and has a hollow portion, comprising steps of:

molding an extrusion portion by extrusion-molding;

forming a cavity, used for forming a molded portion, by a mold apparatus having at least a stationary mold, a movable mold, and a core mold equipped with a core body for forming the hollow portion, and of setting an extending plate, which extends from the core body, to extend from the cavity outwardly;

fixing the extrusion portion to the mold apparatus so that an end face of the extrusion portion faces the cavity;

Serial No. 10/808,590

Attorney Docket No. 26B-032

injecting and filling rubber material, which is in a plasticized state, in the cavity to form a molded portion precursor;

integrally forming, when the molded portion precursor is molded, at least one blocking piece, which corresponds to a zone set in a slit, with the molded portion precursor, wherein the blocking piece comprises: a base piece portion formed in such a manner as to extend from a mounting face of the mounting base portion; an insertion portion formed integrally with the base piece portion and fitted into the slit by bending the base piece portion around a part thereof continuously connected to the mounting base portion; and a lock portion to be locked on an inner surface of the mounting base portion, which faces the hollow portion, when the insertion portion is fitted thereinto;

separating, upon completion of solidification of the rubber material, the movable mold from the stationary mold, and of removing the molded portion precursor, which is molded by the solidification, together with the core mold; and

taking out the core body from the slit, from which at least the extending plate projects, in the molded portion precursor.

13. (Withdrawn) A method for manufacturing a weather strip according to Claim 12, further comprising:

a step of obtaining the molded portion by bending, after the step of taking out the core body, the blocking piece around a base portion thereof thereby to fit a part of the blocking piece into the slit and to lock an end portion of the blocking piece by an inner surface of the molded portion precursor, which faces the hollow portion.